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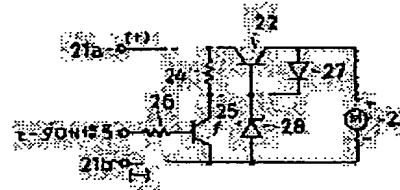
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(54) DRIVE CIRCUIT FOR DC MOTOR

(57)Abstract:

PURPOSE: To simplify circuit constitution, and to improve the safety of the whole motor drive circuit by forming a brake current circuit by a diode and a control transistor.

CONSTITUTION: When a motor-ON signal reaches an L level, a switching transistor 22 is conducted, and a DC motor 23 is turned. When the motor-ON signal is changed into an H level from the L level, the transistor 22 is interrupted, and the supply of DC currents to the DC motor 23 is stopped. A diode 27 is brought to a forward bias state by induced voltage generated by revolution by the inertia of the DC motor 23. Accordingly, a brake DC circuit for the DC motor 23 is formed by the diode 27 and a control transistor 25, and the DC motor 23 is brought to a braking state.



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